



CPD20L2

Electric Counterbalance Forklift Truck 2.0T

LI-ION
TECHNOLOGY

- Wider operating space
- Stronger working performance
- Precise driving characteristics

EP EQUIPMENT CO.,LTD
www.ep-ep.com



FEATURE

■ Wider operating space

The L2 forklift from EP Equipment has the widest legroom in the industry for better ergonomics at high intensity shifts and long working hours. Comfort is at the heart of this 3-wheel forklift.



■ Stronger working performance

Everything in control due to its dual-joystick operation, the truck offers a high productivity also with attachments like side-shift or fork positioner. They are comfortable to use on long shifts without strain for the operator.



■ Precise driving characteristics

It is specially designed for lithium battery, which makes it more compact in size and more rigorous in structure. EHPS(Electronic Hydraulic Power Steering) combines advantages of both EPS(Electric Power Steering) and HPS (Hydraulic Power Steering) and it makes steering more smoothly



Electric Counterbalance Forklift Truck 2.0T

CPD20L2

Distinguishing mark				
1.1	Manufacturer			EP
1.2	Model designation			CPD20L2
1.3	Drive unit			Electrics
1.4	Operator type			seated
1.5	rated capacity	Q	kg	2000
1.6	Load center distance	c	mm	500
1.8	Load distance, centre of drive axle to fork	x	mm	419
1.9	Wheelbase	y	mm	1358
Weight				
2.1	Service weight (include battery)		kg	3460
2.2	Axle loading, laden driving wheels /steering wheels		kg	4916/544
2.3	Axle loading, unladen driving wheels /steering wheels		kg	1574/1886
Types,Chassis				
3.1	Tyre type,driving wheels /steering wheels			solid rubber
3.2	Tyre size, driving wheels (diameter×width)		mm	200X50-10
3.3	Tyre size, steering wheels (diameter×width)		mm	15X4.5-8
3.5	Wheels, number driving/steering (x=drive wheels)		mm	2x/ 2
3.6	Tread, Driving wheels	b10	mm	936
3.7	Tread, Steering wheels	b11	mm	175
Dimensions				
4.1	Tilt of mast/fork carriage forward/backward	α/ β (°)		5/6
4.2	Height, mast lowered	h1	mm	2012
4.3	Free lift (load backrest)	h2	mm	50
4.4	Lift height	h3	mm	3000
4.5	Height, mast extended	h4	mm	4058
4.7	Height of overhead guard (cabin)	h6	mm	2118
4.8	Seat height	h7	mm	1070
4.12	Tow center of pin height	h10	mm	560
4.19	Overall length	l1	mm	2915
4.20	Length to face of forks	l2	mm	1995
4.21	Overall width	b1/ b2	mm	1150
4.22	Fork dimensions	s/ e/ l	mm	40X122X1070
4.23	Fork carriage class/type A, B			A
4.24	Fork carriage width	b3	mm	1040
4.31	Ground clearance, laden, below mast	m1	mm	168
4.32	The minimum ground clearance of frame	m2	mm	104
4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast	mm	3223
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	3359
4.35	Turning radius	Wa	mm	1585
Performance data				
5.1	Travel speed, laden/ unladen		km/ h	15/16
5.2	Lifting speed, laden/ unladen		m/ s	0.35/0.43
5.3	Lowering speed, laden/ unladen		m/ s	0.45/0.37
5.5	Drawbar pull, laden/unladen		N	
5.6	Max. drawbar pull, laden/unladen (time)		N	/
5.7	Gradeability, laden/unladen		%	15/17
5.8	Max. gradeability, laden/unladen		%	
5.9	Service brake type			electromagnetic braking
5.10	park brake type			electromagnetic braking
Electric-engine				
6.1	Drive motor rating S2 60 min		kW	5.4x2
6.2	Lift motor rating at S3 15%		kW	11
6.3	The maximum allowed size battery		mm	/
6.4	Battery voltage/nominal capacity K5		V/ Ah	48/360
6.5	Battery weight		kg	250
Addition data				
8.1	Type of drive unit			AC
10.5	Steering type			Electronic hydraulic assistance
10.7	Sound pressure level at the driver's ear		dB (A)	79

If there are improvements of technical parameters or configurations, no further notice will be given.
The diagram shown may contain non-standard configurations.

Mast Option

Type	Model	Max.fork height h3	Overall height			Free lift		Front Overhang X	Tilt range		Capacity
			Lowered h1	Extended		Without backrest	With backrest h2		FWD α	BWD β	Load capacity at 500 mm
				Without backrest	With backrest h4						2.0t
				mm	mm			mm			Deg
Duplex ZT	2W300	3000	2075	3740	4055	100	100	419	5	6	2000
	2W360	3600	2375	4340	4655	100	100	419	5	6	2000
	2W400	4000	2455	4740	5055	100	100	419	3	5	1800
Triplex DZ	3F450	4500	2140	5240	5555	1430	1115	419	3	5	1500
	3F480	4800	2240	5540	5855	1530	1215	419	3	5	1400
	3F500	5000	2305	5740	6055	1595	1280	419	3	5	1350
	3F550	5500	2475	6240	6555	1765	1450	419	3	5	1250
	3F600	6000	2690	6740	7055	1980	1665	419	3	5	1150
Note:With sideshifter minus 200Kg, with integral sideshifter minus 100Kg.											

Note: With sideshifter minus 200Kg, with integral sideshifter minus 100Kg.

Option

Optional items		CPD20L2
3	Fork length	○
6	Folding fork	○
7	Weighting system with fork	—
12	Solid rubber tire	●
13	Environmental solid tire	○
15	cold storage	○
19	Battery capacity	○
20	Lateral change battery	—
21	Import battery	—
22	Water auto-filling system	—
30	Side shift	○
37	Overhead guard	—
39	Mast options	○
40	Attachments	○
41	Proportional valve	●
42	Front light	●
43	Back light	○
46	Warning light	●
48	Fire extinguisher	○
49	Seat	○
50	Seat switch	●
51	With fan heater	○
52	With front windshield wiper	○
53	With rear windshield wiper	○
54	Cockpit	○
55	Double front wheel	—
56	Rearview	○
57	OPS system	○
58	Backrest width	○
59	Side to pull the car	○
60	Air fan	—
61	Charging voltage	○
62	Drive-in Rack	○

Note: ● standard ○ option — NA

